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# VRP PRIME: Route of Administration

## Antibody Responses -- IFAT --- PyHEP17

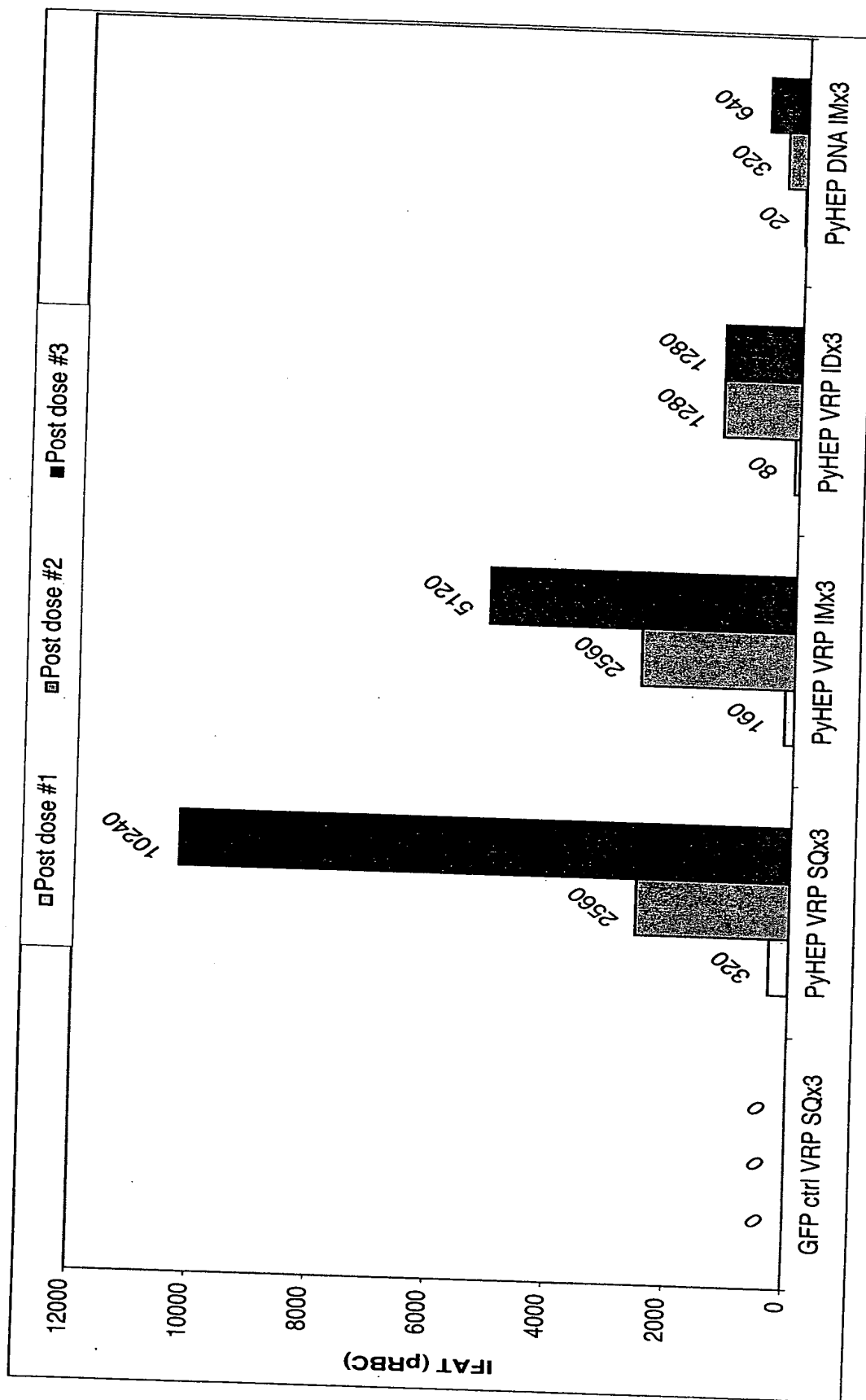


FIGURE 1

# VRP PRIME: Route of Administration

## Antibody Responses -- ELISA-- PyHEP17 & PyCSP

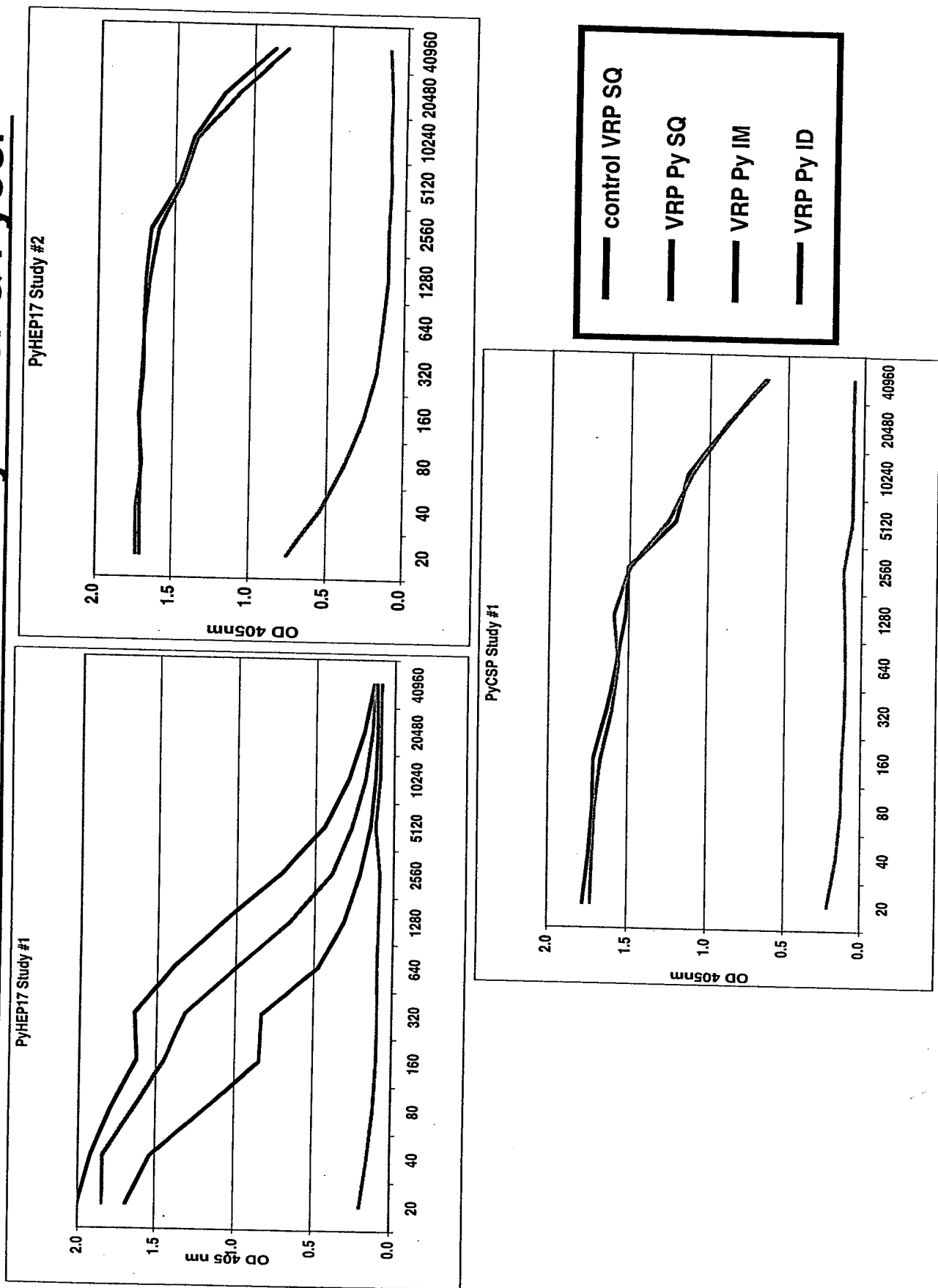
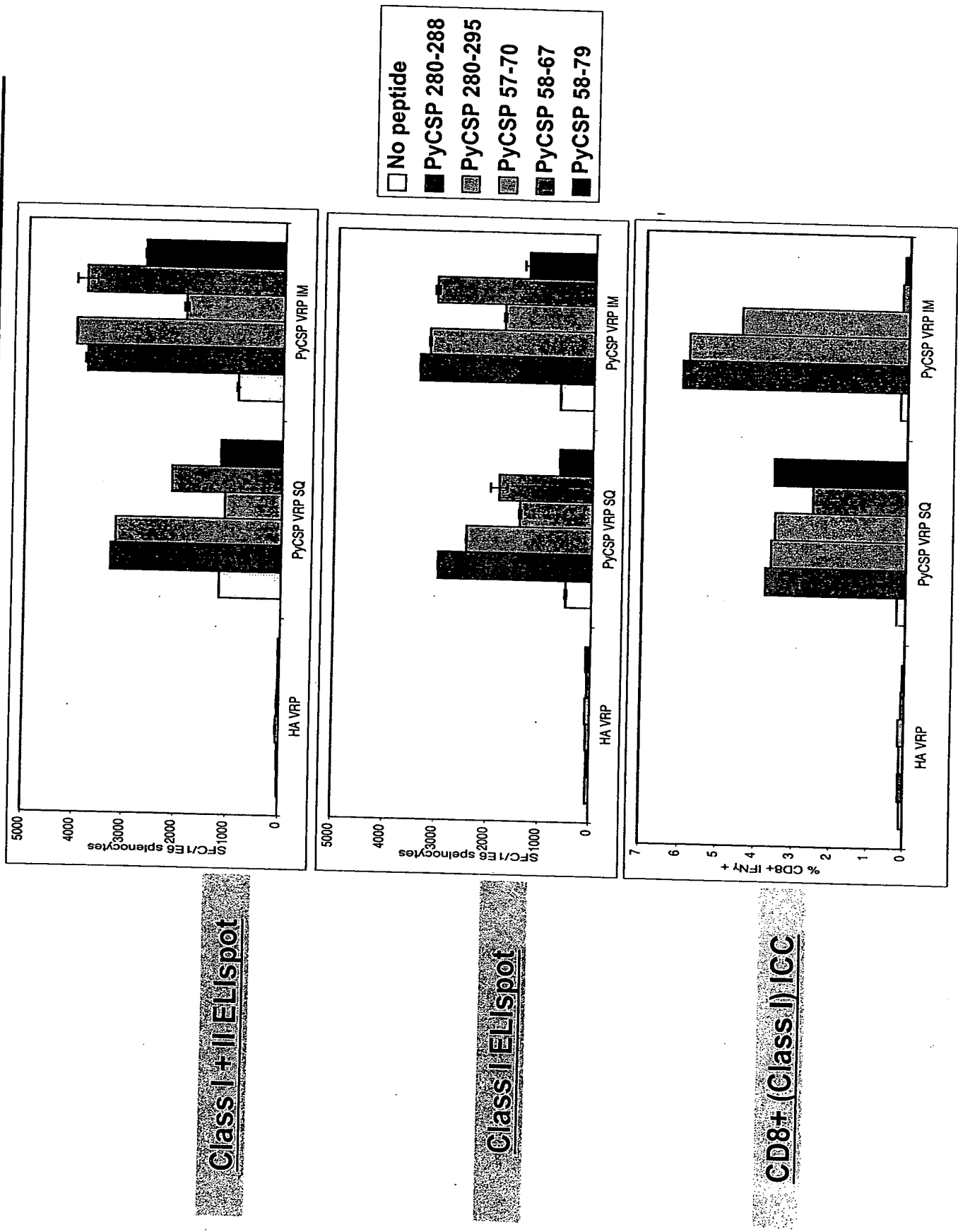


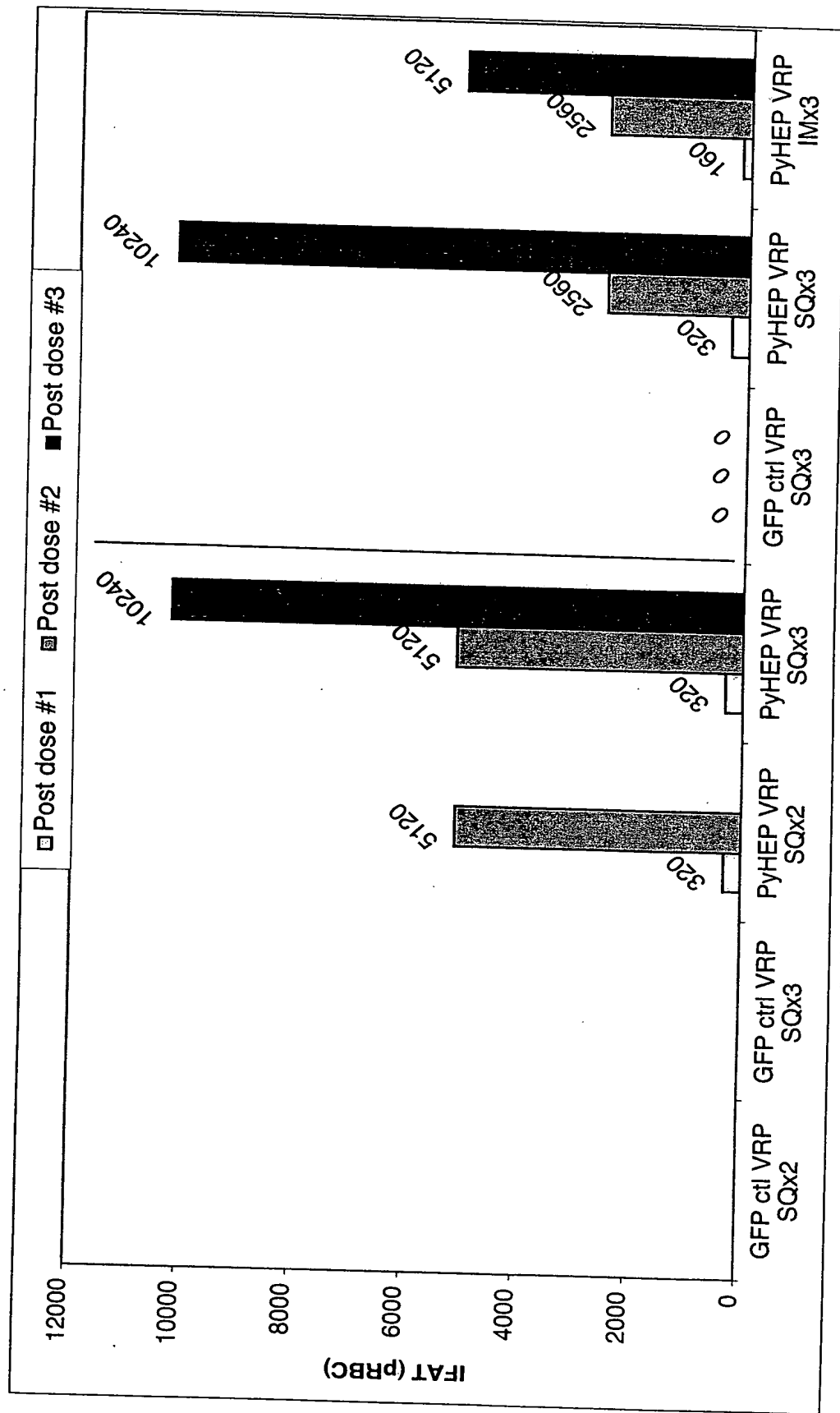
Figure 2

# VRP PRIME - Route Administration --PyCSP -- CMI



# VRP PRIME SQ: # immunizations & # doses

## Antibody Responses -- IFAT -- PyHEP17



Expt 1

Expt 2

FIGURE 4

# VRP PRIME: # immunizations & # doses

## Antibody Responses -- ELISA -- PyCSP

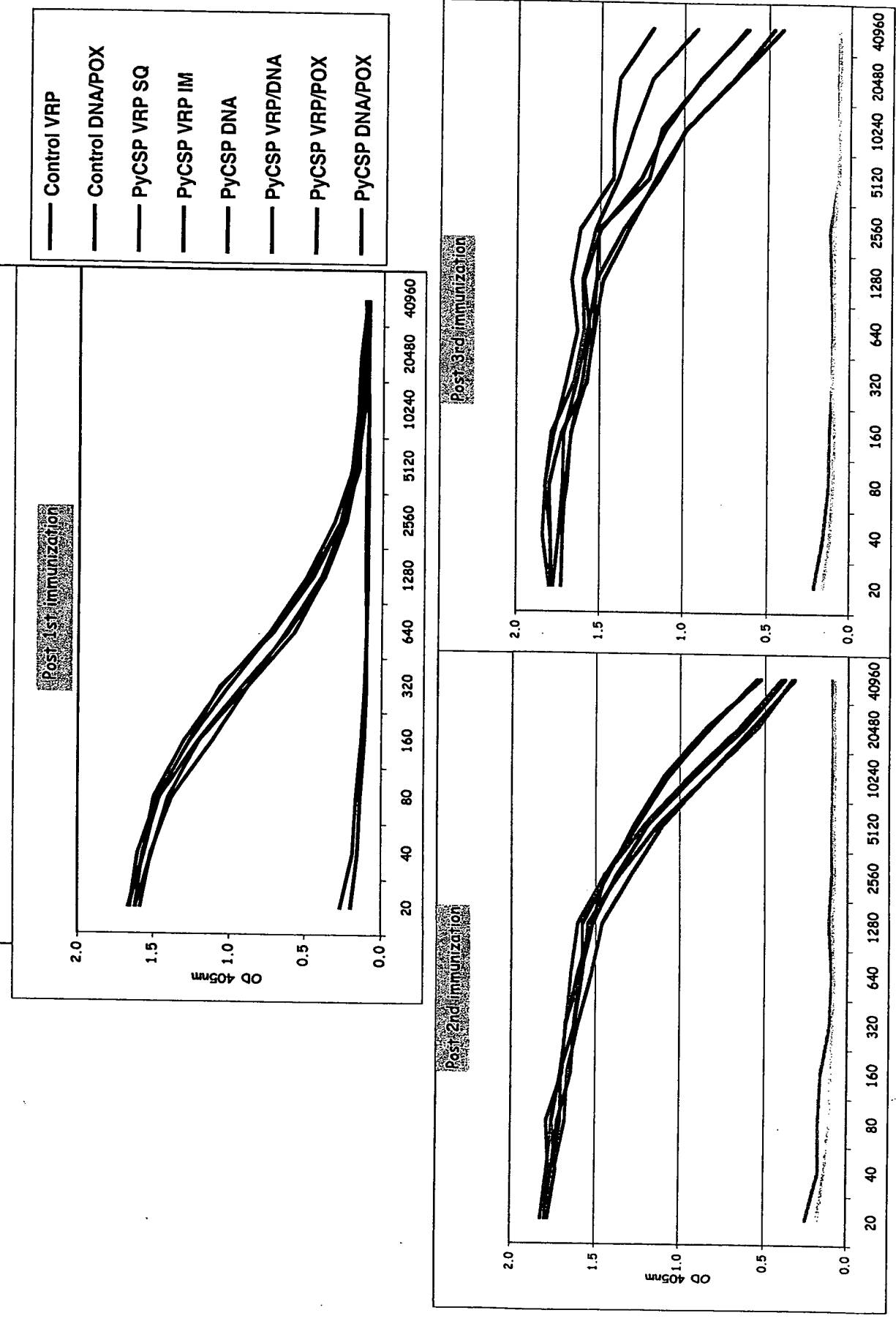


FIGURE 5a

# VRP PRIME: # immunizations & # doses

## Antibody Responses -- ELISA -- PyHEP17

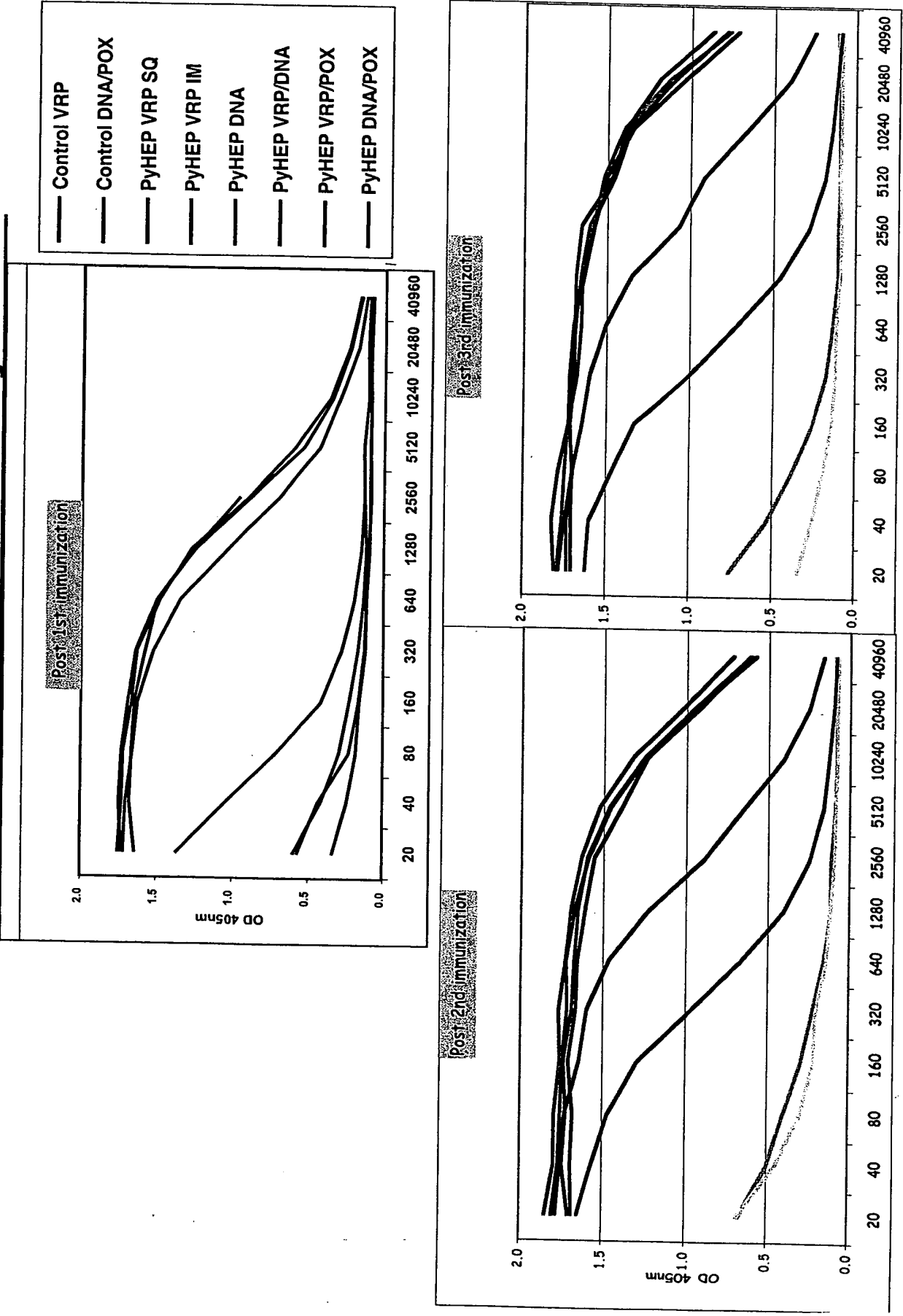


FIGURE 5b.

# VEE PRIME IM / Heterologous boost

## Phenotypic Markers

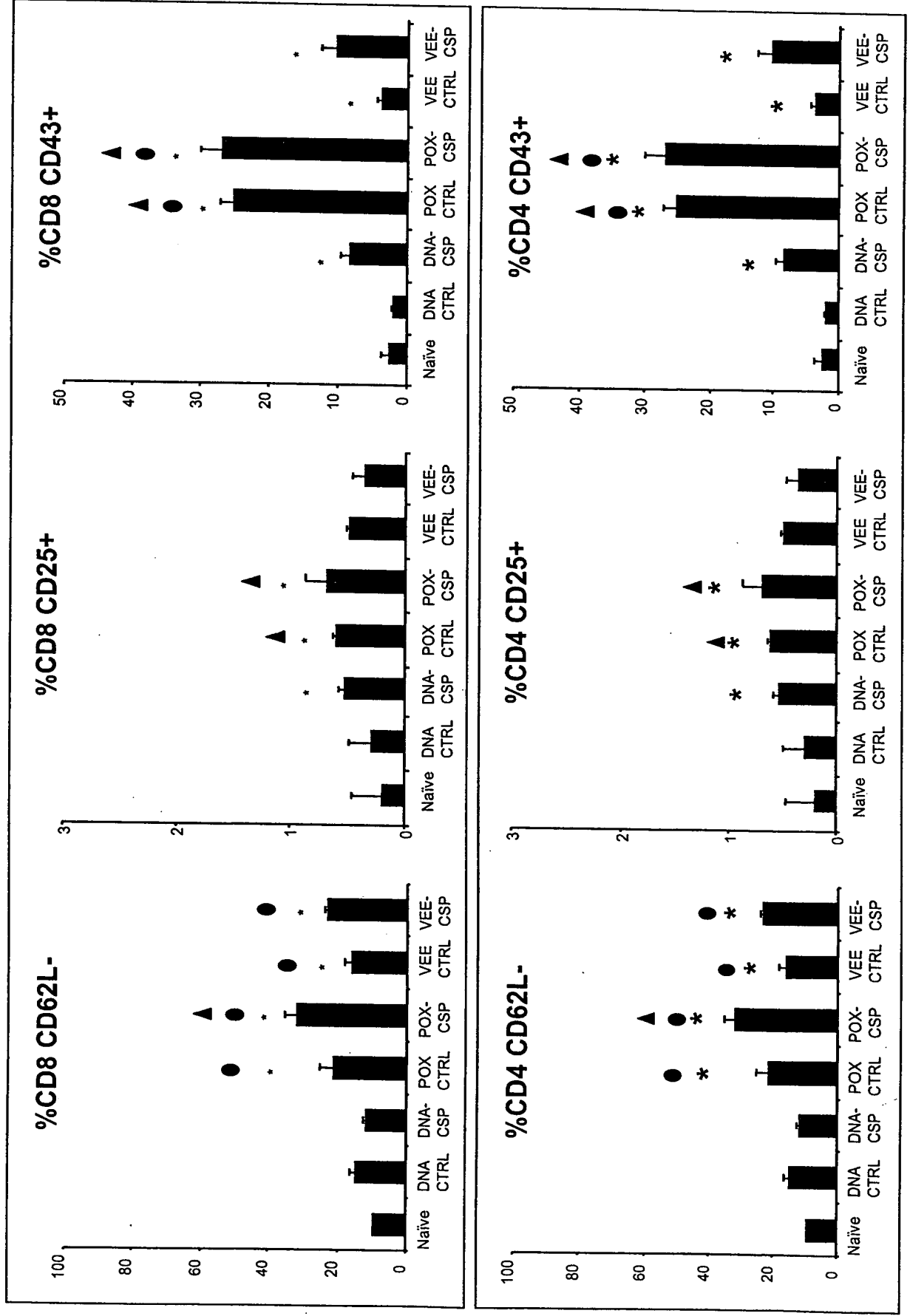


Figure 6



# **VRP PRIME SQ / Heterologous boost** **CD8+ IFN $\gamma$ responses -- ICC & ELISpot -- PyCSP)**

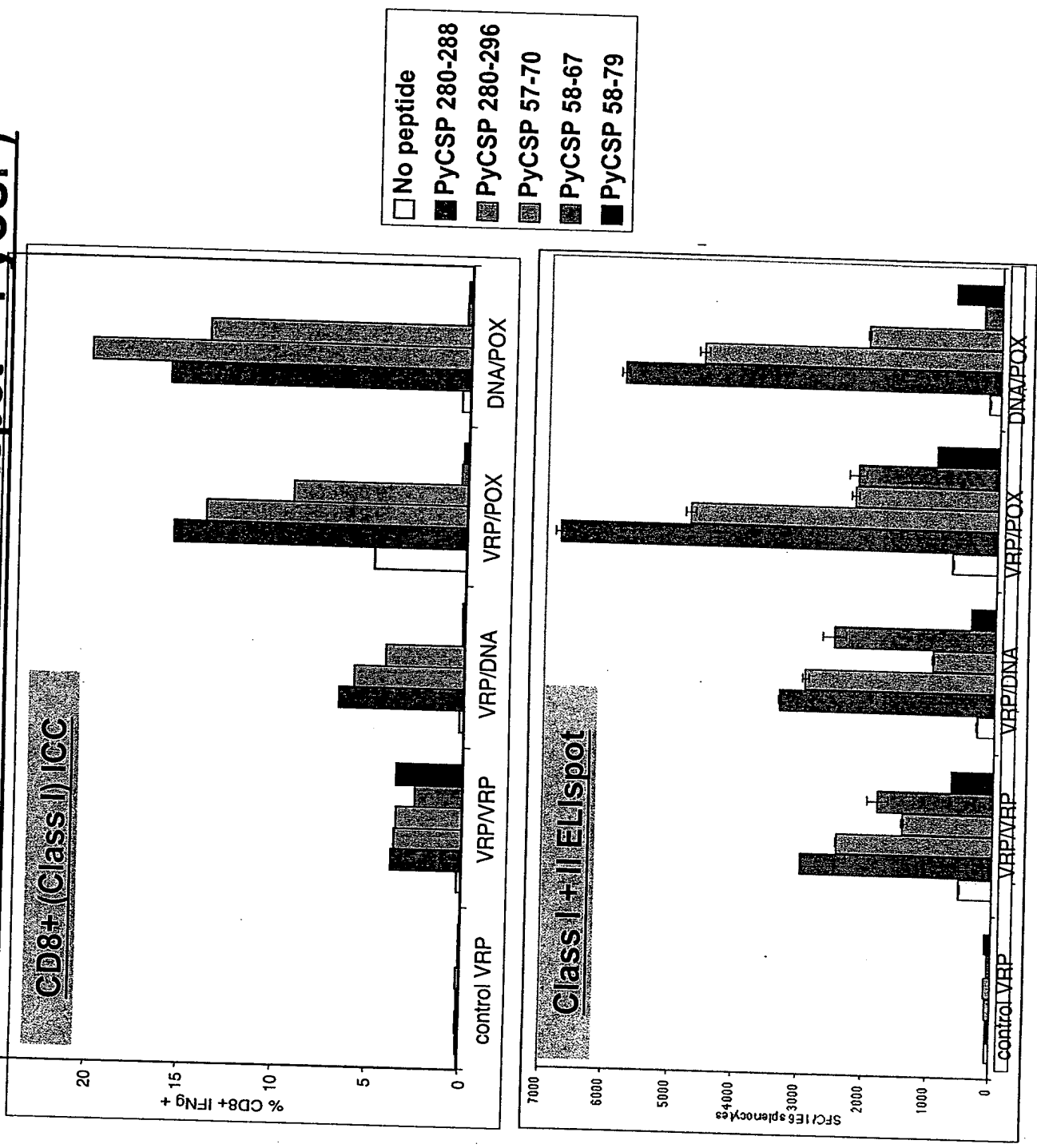


Figure 7

# **VEE PRIME IM / Heterologous boost** **CD8+ IFN- $\gamma$ responses -- ICC -- PyCSP**

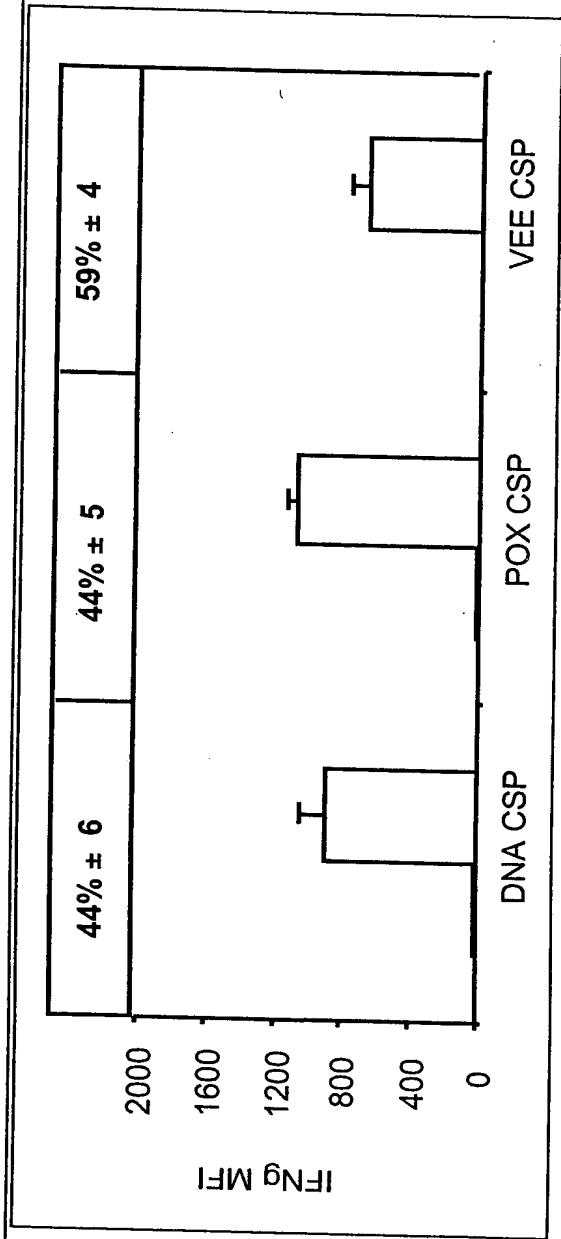
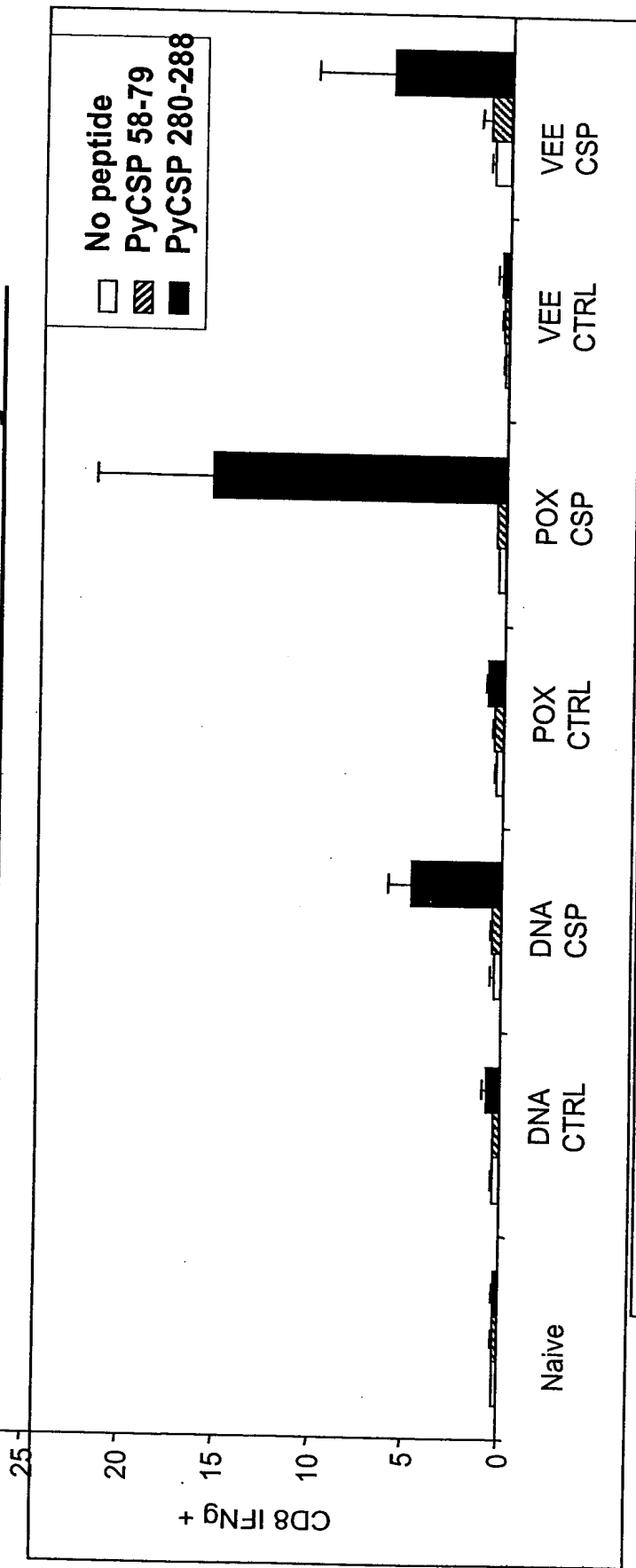


FIGURE 8

# **VEE PRIME IM / Heterologous boost** **CD8+ IFN- $\gamma$ responses -- ELISPOT -- PyCSP**

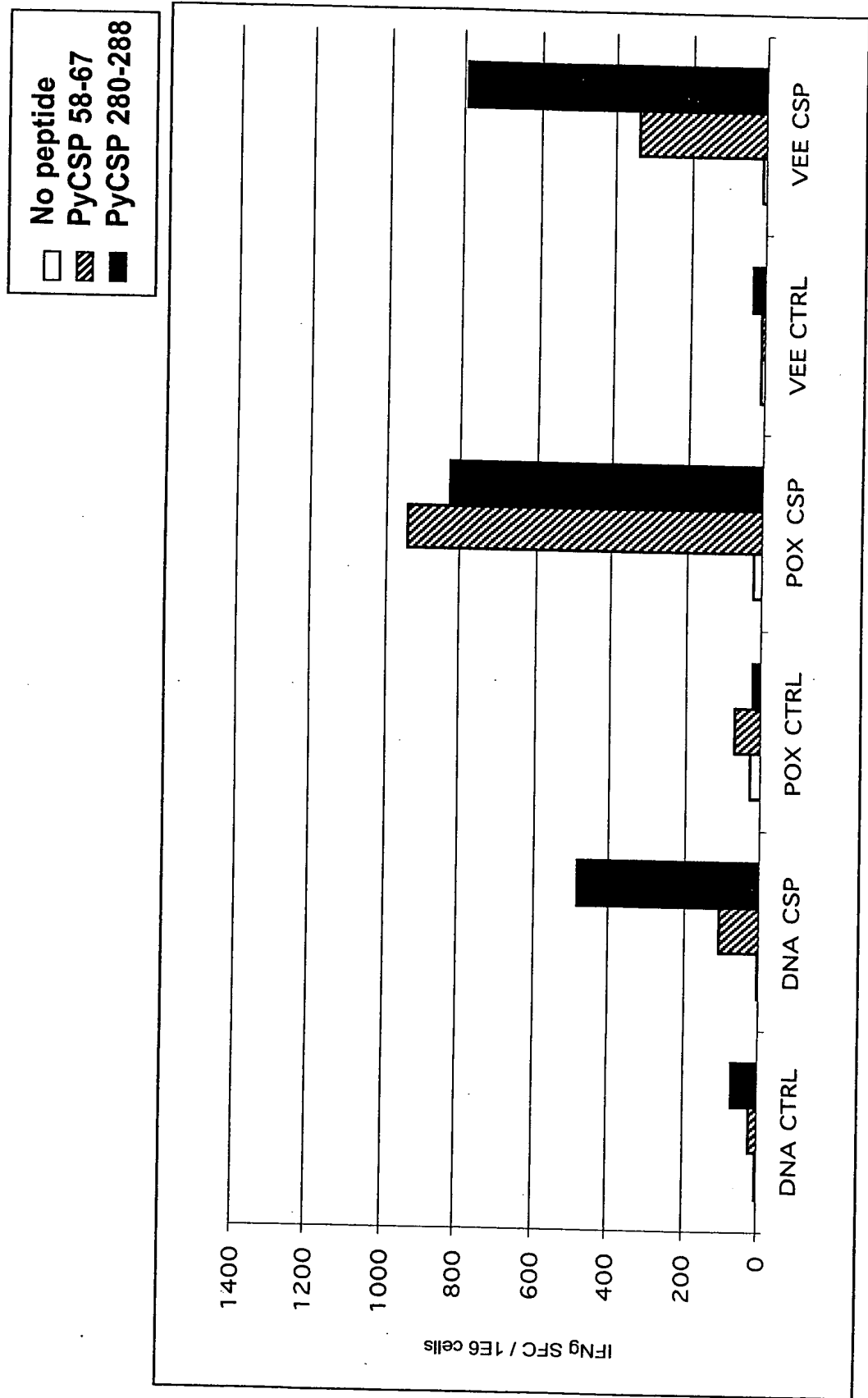


FIGURE 9

# VRP PRIME SQ / Heterologous boost

## Antibody Responses -- ELISA -- PyHEP17

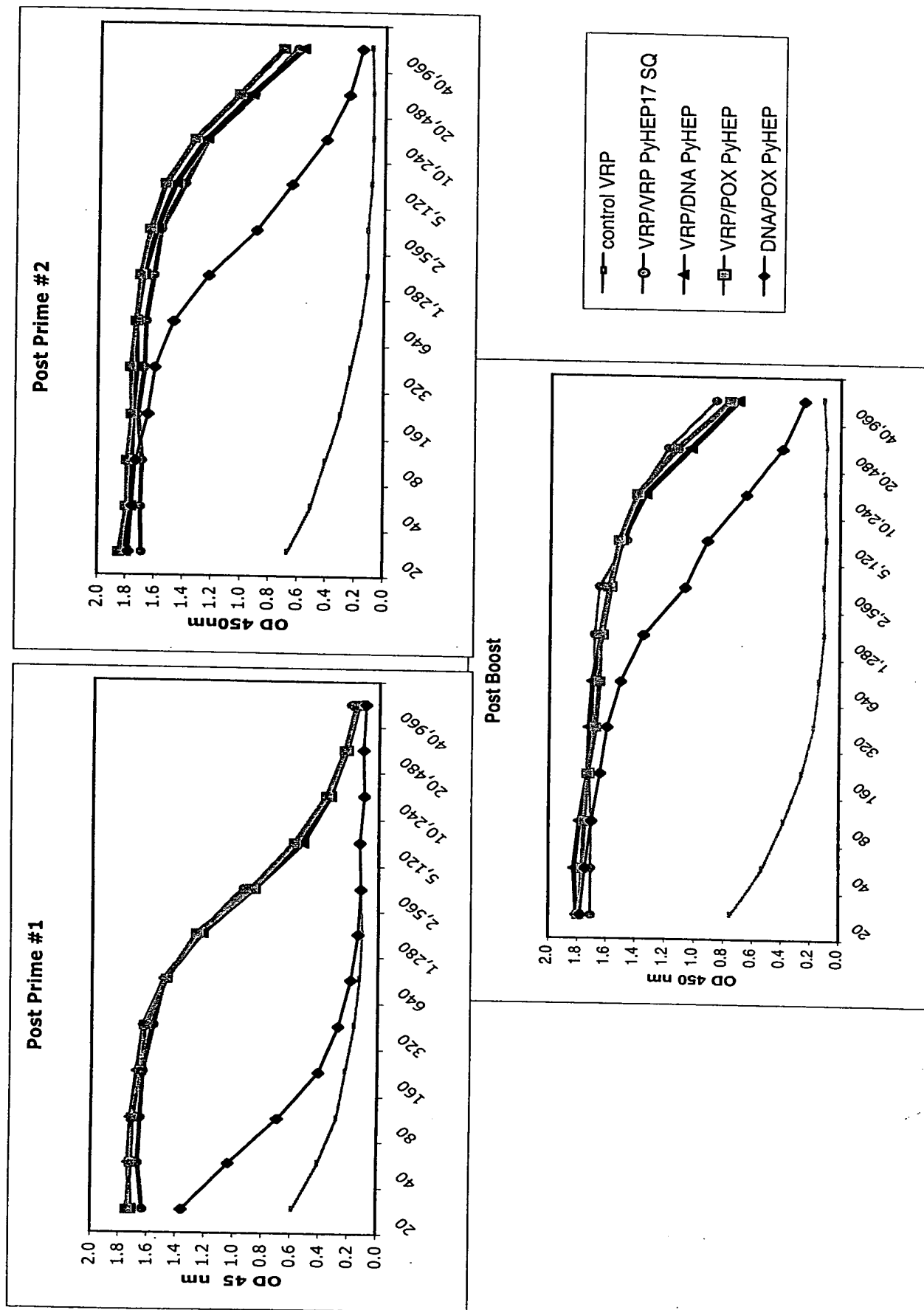


FIGURE 10

# VRP PRIME SQ / Heterologous boost

## Antibody Responses -- ELISA -- PyCSP

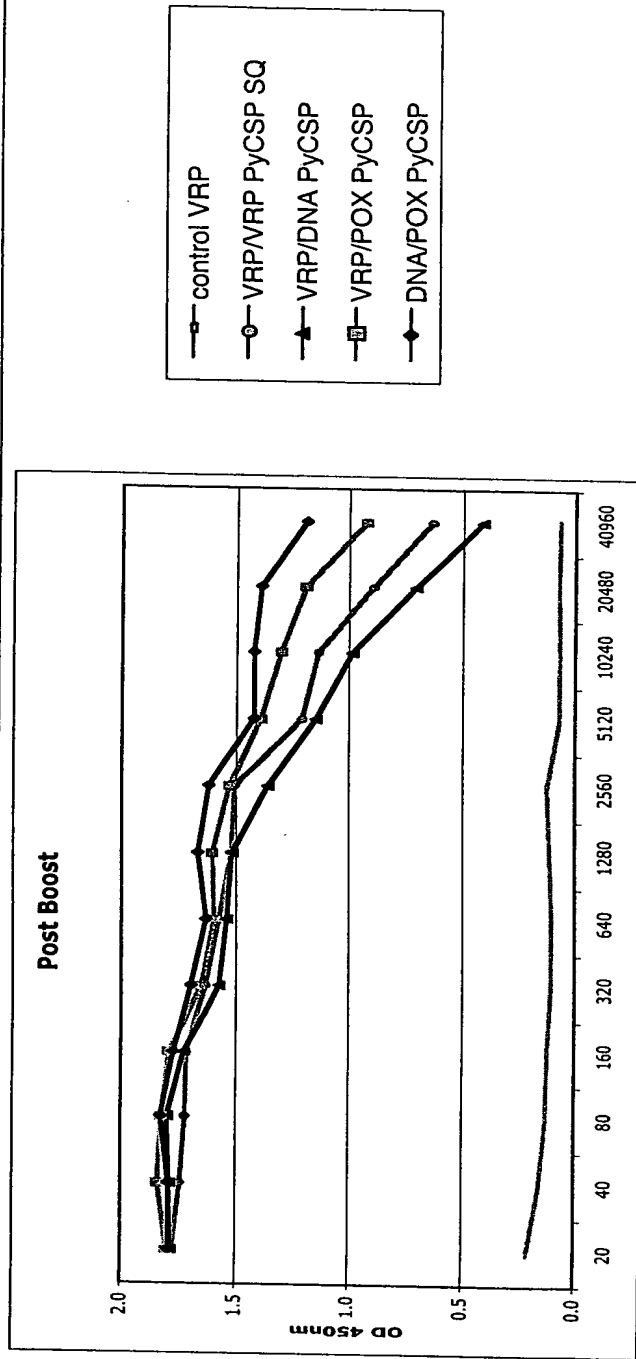
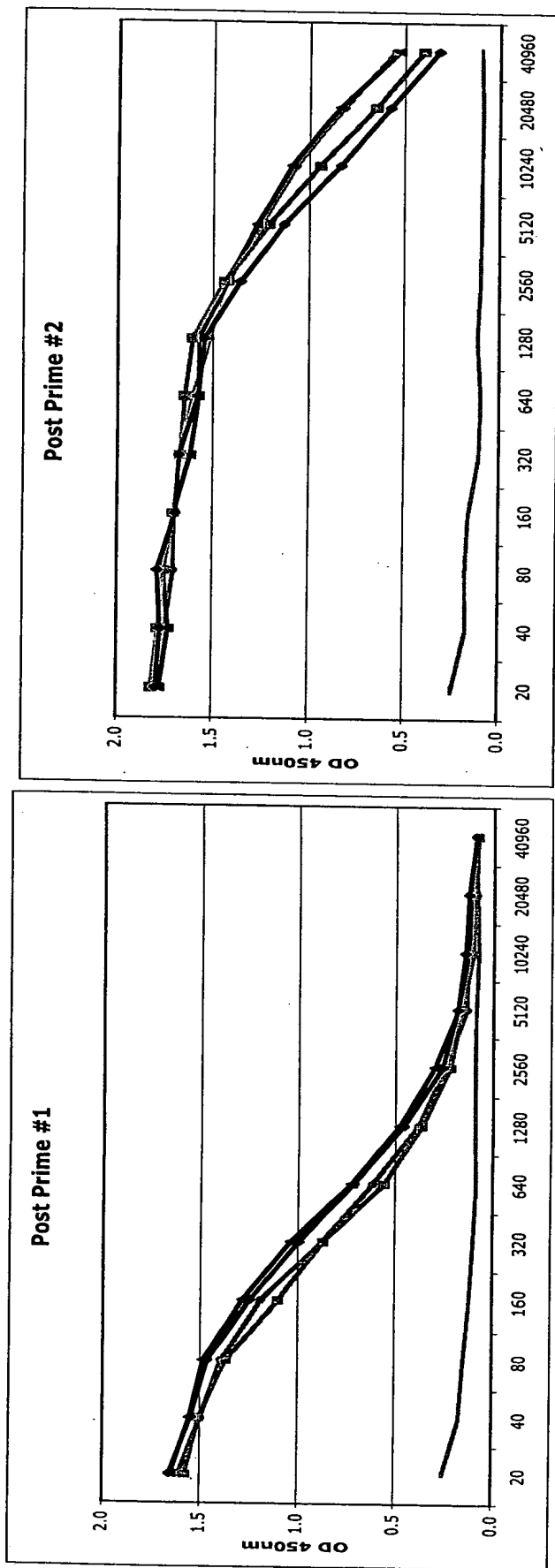
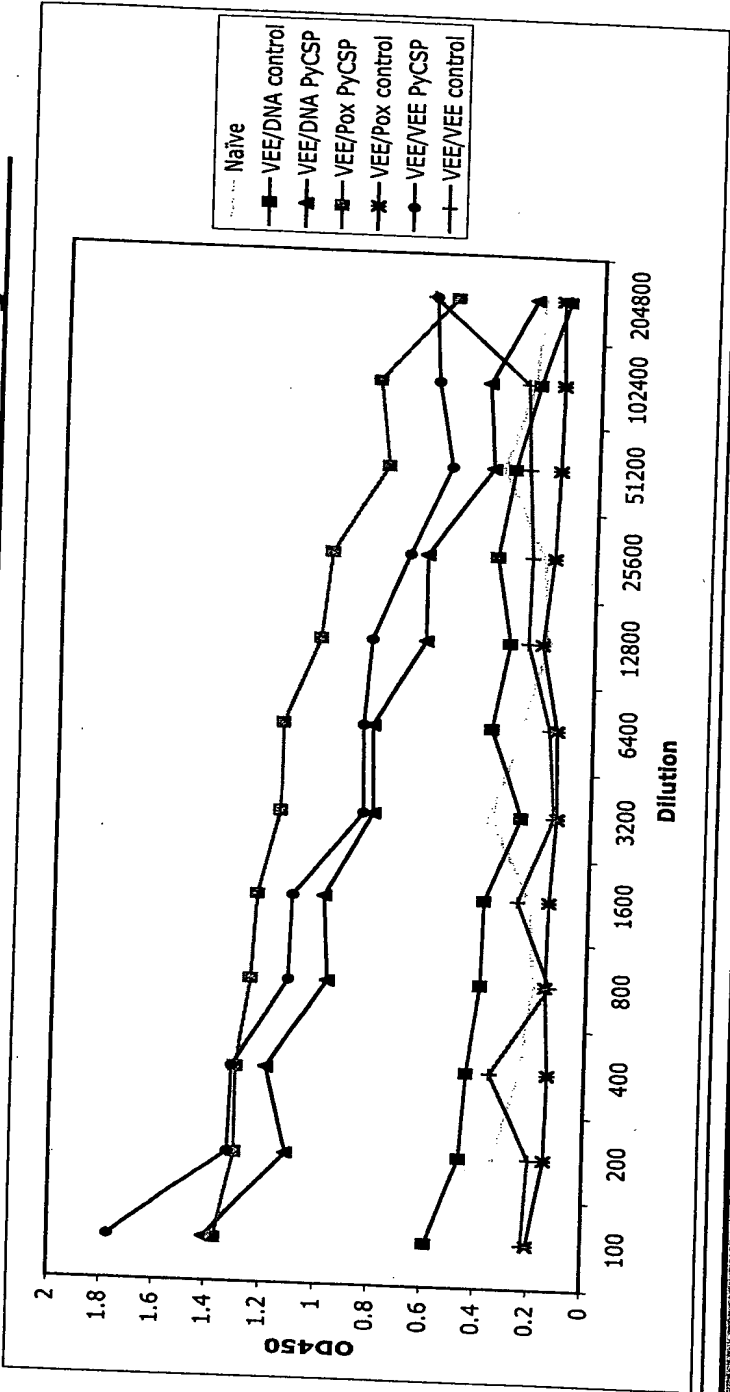


FIGURE 11

# VEE PRIME IM / Heterologous boost

## Antibody responses -- ELISA & IFAT -- PyCSP

ELISA



IFAT

Prime	Ms#1	Ms#2	Ms#3	Ms#4	Ms#5	Ms#6	GeoMean
Naive	0	0	0	0	0	0	0
DNA Ctrl	160	40	40	160	80	80	93
DNA PyCSP	10240	10240	10240	20480	40960	10240	17067
Pox Ctrl	80	160	160	160	320	0	147
Pox PyCSP	20480	20480	81920	40960	40960	81920	47787
VEE Ctrl	20	80	320	80	40	80	103
VEE PyCSP	40960	20480	1280	20480	10240	10240	17280
Pos Ctrl	40960						

FIGURE 12

# VEE PRIME / Heterologous boost Protective Efficacy (PyCSP)

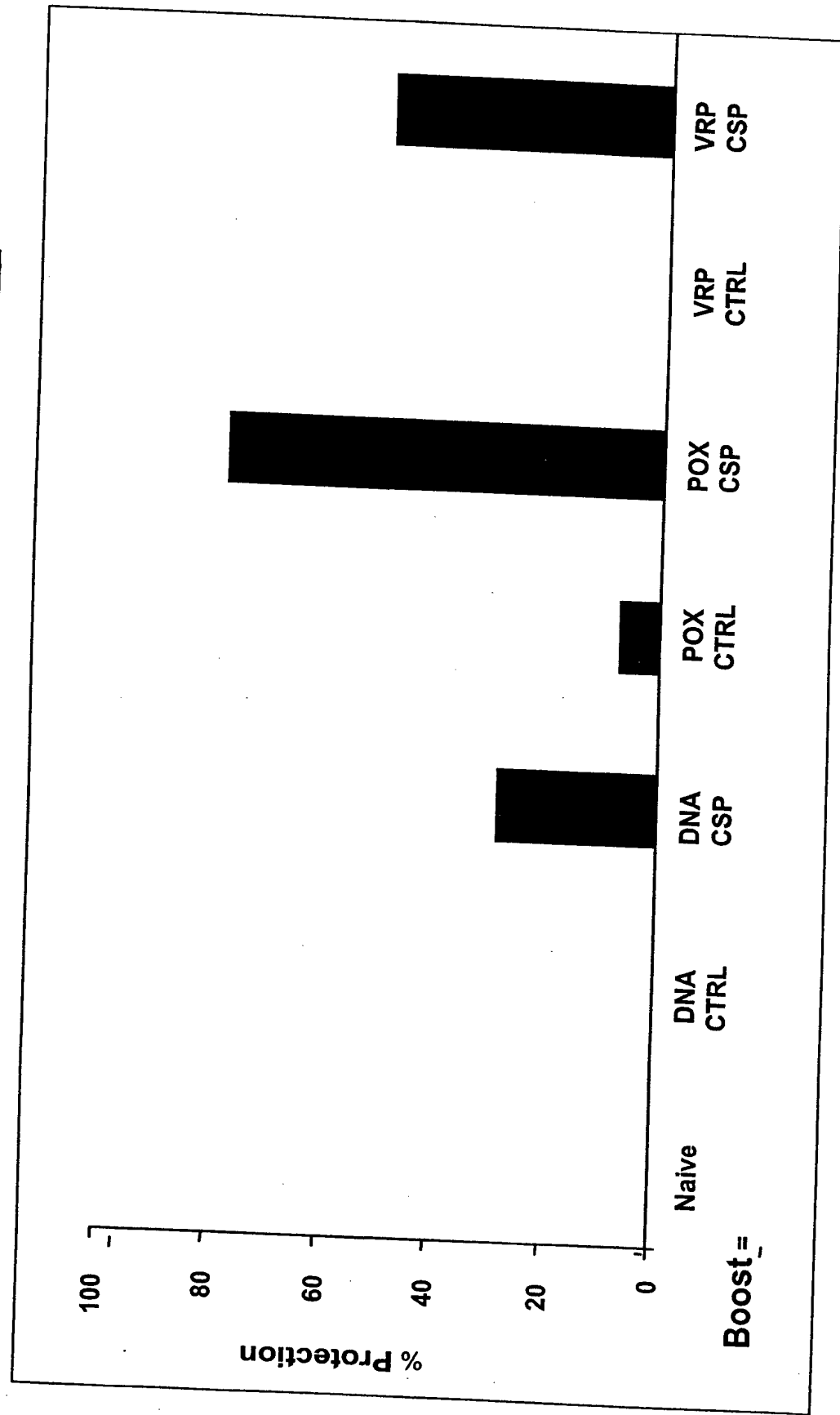


FIGURE 13

# Correlation between CD8+ T cell responses & Protection

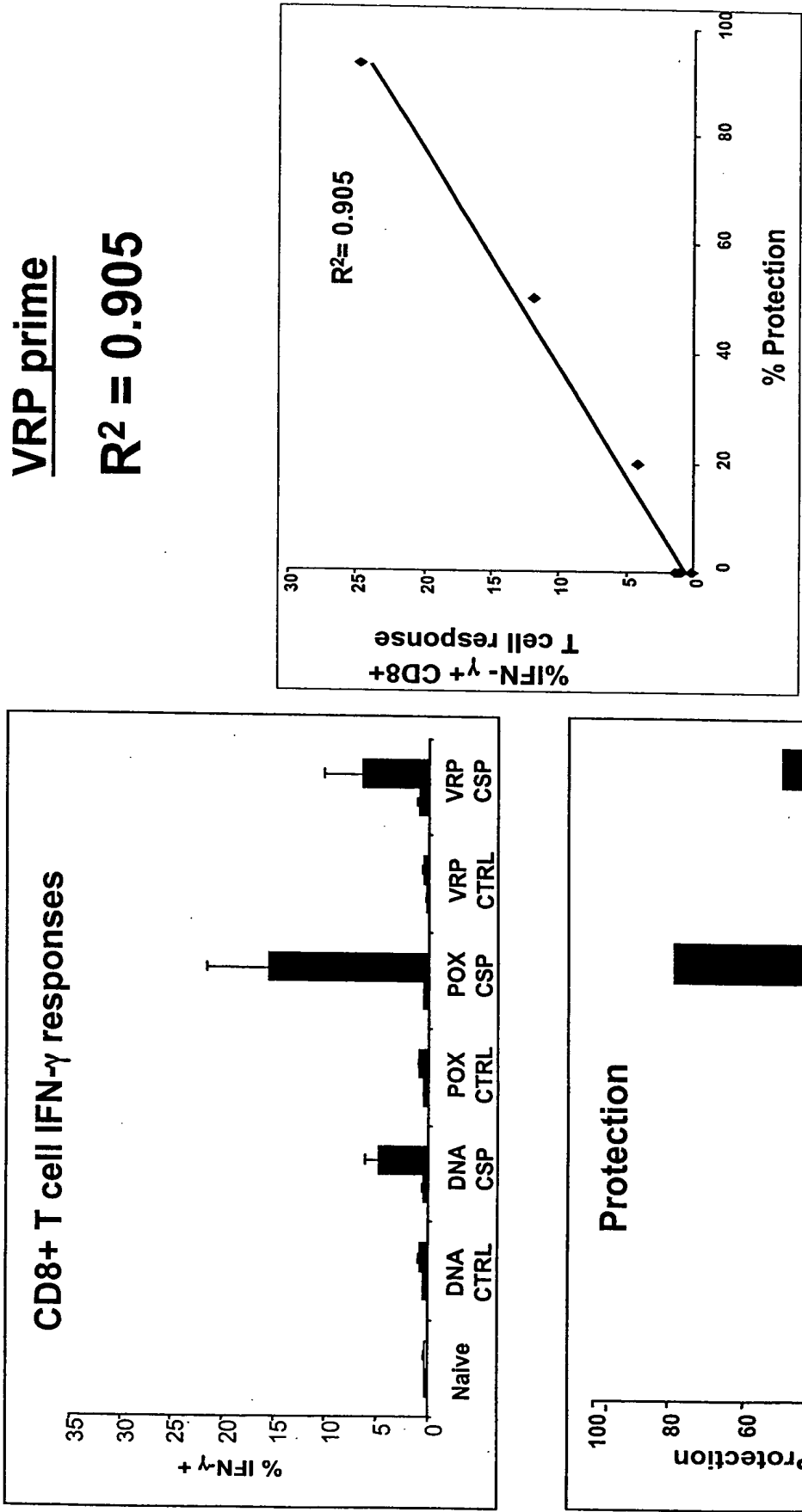


FIGURE 14